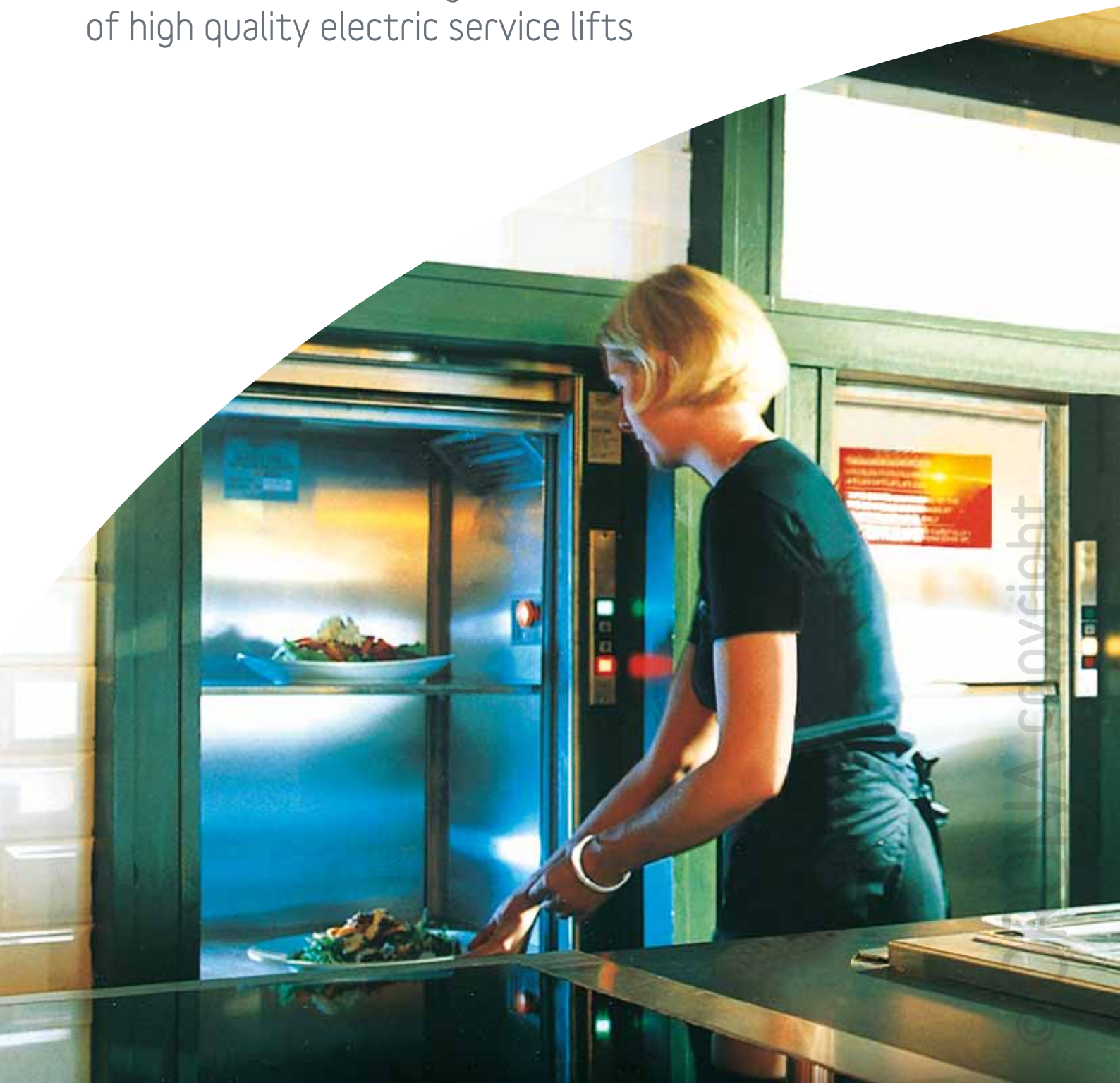




Orona

Service Lifts

The most versatile range
of high quality electric service lifts



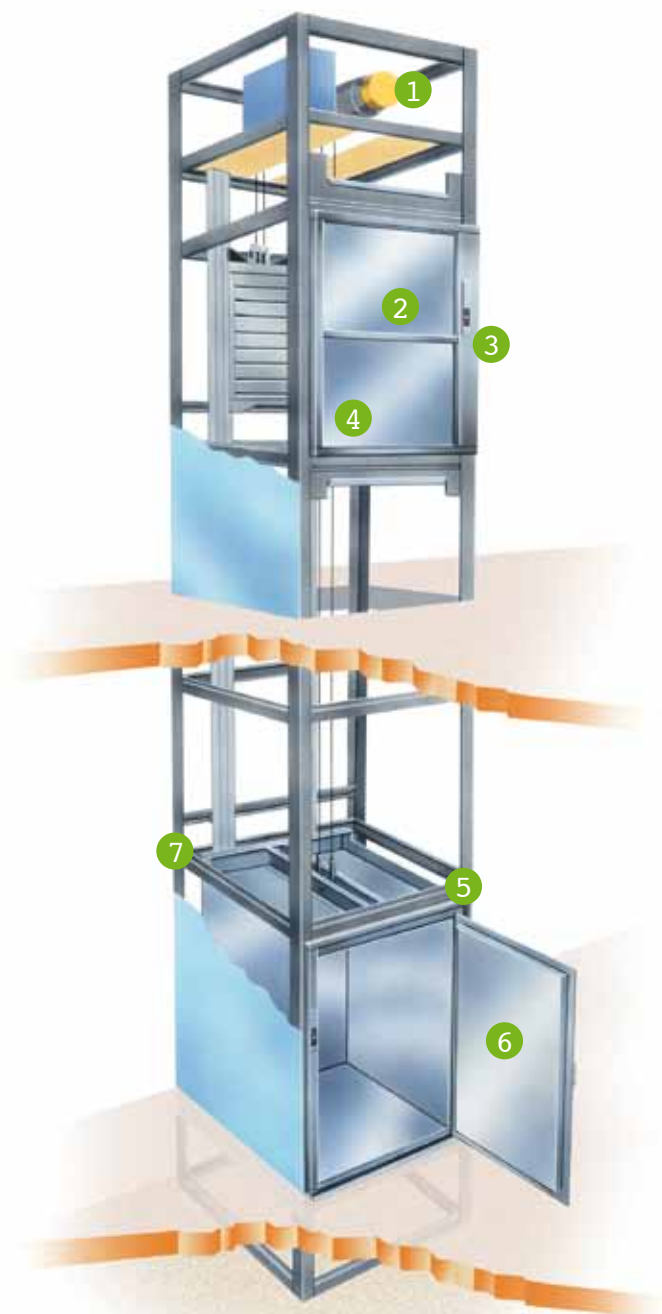
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Quality Service Lift

Load:	50kg (can be up rated to 100kg) and 100kg (can be up rated to 150kg).
Car:	Constructed in mild steel, finished in grey baked enamel with a stainless steel base and a removable stainless steel shelf. The car can also be finished in stainless steel.
Landing Entrances:	High quality rise and fall shutters or hinged doors are fitted with safety locks and can be finished in either grey baked enamel or stainless steel.
Car Entrance Protection:	Whilst it is not essential to fit doors onto the car itself, it is highly recommended to do so. If doors are not fitted, other means of restraining the goods should be assessed and provided. Stainless steel rise and fall doors are available for all models, whilst collapsible gates are available on models with floor level serving and hinged doors.
Mounting:	The Service Lift is supplied in a structure-supported frame which is galvanised for longer life. We do not require a separate motor room or 'load-bearing' lift shaft. For details, please ask for our builder's work folder.
Floors Served:	Can serve up to 12 floors.
Speed:	0.35m/s (70ft/min).
Controls:	Fully automatic push button control, with call and despatch facilities at each entrance. For that extra reassurance, 'lift arrival', 'lift occupied' and 'lift position indicators' together with an 'arrival buzzer' are fitted as standard.
Operation:	The operation is smooth and quiet with a highly efficient motor winding unit with a reliable controller. Combined with a counter-balance drive system, this ensures electrical consumption is minimal.
Winding Unit:	Mounted at the top of the lift structure within the headroom dimensions shown overleaf. The motor drives a high quality reduction gearbox fitted with a traction vee-sheave. An electro-magnetic disc brake is supplied, with emergency release mechanism.
Electric Supply:	415 Volt-3 phase-50Hz or 240 Volt-1 phase-50Hz. A 16 amp isolator should be supplied for the lift by your electrician to be fixed adjacent to the lift at the top floor served.
Safety:	Once installed, tested, commissioned and all the building work is complete, the Service Lift comply with the Essential Safety Regulations (ESRs) of the Supply of Machinery (Safety) Requirements 2008, otherwise known as the Machinery Directive.



Installation notes and builder's work



- | | |
|--|--|
| 1 Quiet and Efficient Motor | 5 Galvanised Framework for Long Life |
| 2 Easy-Clean Finish | 6 'Rise and Fall' Shutters, or Hinged Doors for Ease of Access |
| 3 Robust Push-Buttons, Fully Automatic Control | 7 Structure Supported Frame |
| 4 Interlocked Entrances for Extra Safety | |

Builder's Work

Preliminaries

The Service Lift can be installed by our fitters in just a few days with the minimum disruption to premises. Preliminary builder's work is straightforward. All that is normally required prior to installation is an appropriately-sized opening in each floor, a flat level base capable of supporting downward deadloads and an electrical power supply at the top floor served.

We can provide your builder with exact builder's work details and drawings for your installation and, where necessary, liaise directly with the builder to ensure the whole operation runs smoothly.

After the Installation

Your builder will need to provide an enclosure around the Service Lift to protect against moving parts and conform with your local fire regulations. Permanent safe access to the motor must be provided to comply with current safety regulations. The lift installation and associated builder's work should comply with the Supply of Machinery (Safety) Regulation 2008 and be 'CE' marked accordingly.

Installation Notes:

Headroom

The floor to ceiling height on the top floor served must be able to accommodate the winding unit. If there is insufficient headroom, we can make substantial reductions with our 'Low Headroom' settings and suggest you contact us for details.

Serving Height

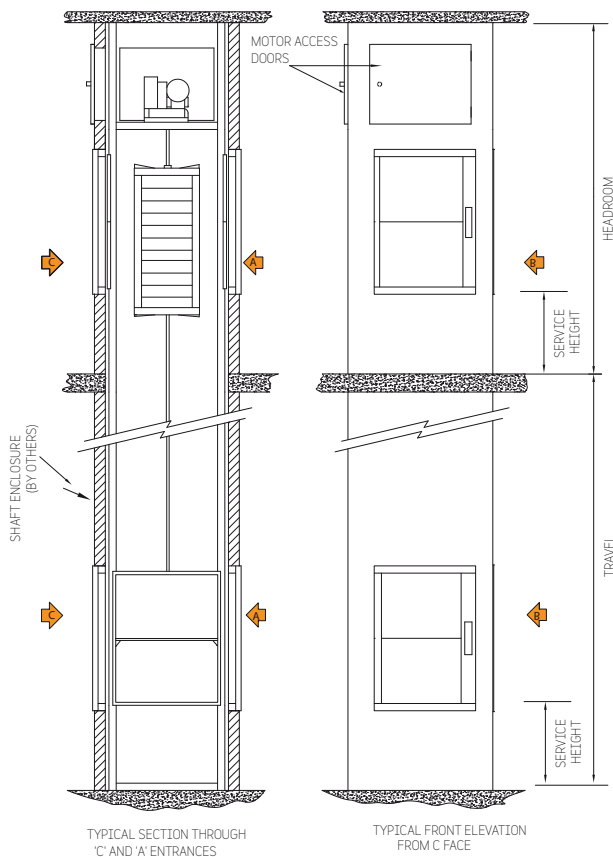
This is normally set at 800mm but is fully adjustable before installation. To accept trolleys, the serving height can be at floor level - contact us for details.

Shaft

These dimensions give the minimum inside shaft width and depth that must be provided to enable your Service Lift to be installed.

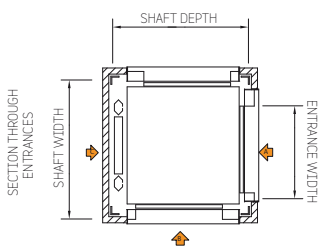
All dimensions are nominal and in mm.

MODEL	CAPACITY	CAR			SHAFT		ENTRANCE		SERVING HEIGHT (variable)	# PIT DEPTH	HEAD ROOM
		WIDTH	†DEPTH	HEIGHT	WIDTH	DEPTH	WIDTH	HEIGHT			
DD50	50kg	510	320	800	725	520	320*	770	800	-	2600
50A	50kg	545	420	800	820	640	420*	770	800	-	2600
50B	50kg	520	520	800	800	800	420	770	800	-	2600
50C	50kg	620	620	800	900	900	520	770	800	-	2600
100A###	100kg	720	720	1000	1000	1000	620	970	800	-	2800
100A## ###	100kg	720	720	1000	1000	1000	620	1000	FLOOR LEVEL	350**	2000
100B###	100kg	820	820	1200	1100	1100	720	1170	800	-	3000
100B## ###	100kg	820	820	1200	1100	1100	720	1200	FLOOR LEVEL	350**	2200



* 350 pit (or ramp) if hinged doors are specified to serve at floor level.

* Choice of entrance arrangements, up to three way entry on every floor C B A



* Bespoke sizes, low headroom, bottom drive and double decker available on request.

NOTE:

* Entrance position 'B' is not available on the DD50 model but can be provided on the 50A model with a reduced entrance width of 320mm.

** A reduction in the pit depth is possible - please contact us for details.

With hinged doors serving at floor level

ENTRANCE DIMENSIONS: These are reduced as follows if a collapsible picket gate is fitted to the lift car:

	Width	Height
100A	550mm	890mm
100B	620mm	1090mm

NOTE: Some of the above dimensions can be varied to suit your individual requirements - by modification of stock models or by special manufacture - please contact us for details.



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